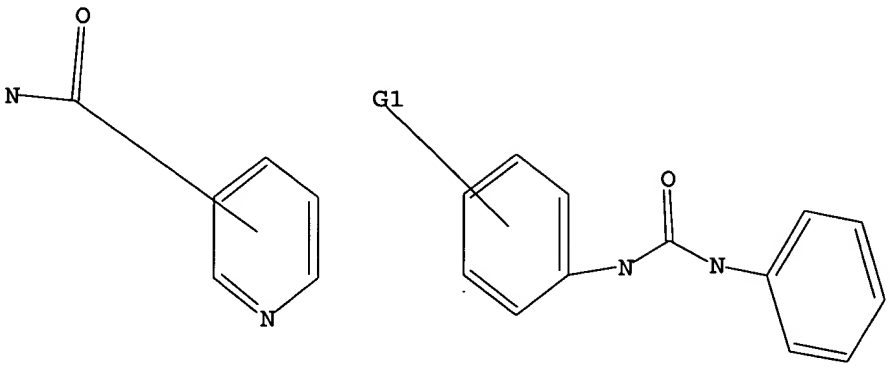
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:CLASS 19:Atom 20:Atom
21:Atom 22:Atom
23:Atom 24:Atom 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS

L3 STRUCTURE UPLOADED

=> d l3
L3 HAS NO ANSWERS
L3 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l3
SAMPLE SEARCH INITIATED 12:33:25 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 387 TO ITERATE

100.0% PROCESSED 387 ITERATIONS 27 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 6560 TO 8920
PROJECTED ANSWERS: 229 TO 851

L4 27 SEA SSS SAM L3

=> s l3 ful
FULL SEARCH INITIATED 12:33:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8010 TO ITERATE

100.0% PROCESSED 8010 ITERATIONS 451 ANSWERS
SEARCH TIME: 00.00.01

L5 451 SEA SSS FUL L3

```
=> file caplus
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                       168.26     168.47

FILE 'CAPLUS' ENTERED AT 12:33:34 ON 22 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)
```



```
FILE COVERS 1907 - 22 May 2006  VOL 144 ISS 22
FILE LAST UPDATED: 19 May 2006  (20060519/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> s l5
L6          121 L5

=> s l6 and py<2000
      19954951 PY<2000
L7           14 L6 AND PY<2000

=> d abs bib fhitstr 1-14

L7   ANSWER 1 OF 14  CAPLUS  COPYRIGHT 2006 ACS on STN
AB   R1NHCONHR2 [I; R1 = (un)substituted Ph or -2-pyridyl; R2 = ZZ1Z2Z3R; R =
     CO2H, CONY1Y2, etc.; Y1,Y2 = H, (cyclo)alk(en)ylene, (hetero)aryl, etc.;
     NY1Y2 = heterocyclyl; Z = (un)substituted phenylene, -pyridinediyl,
     -pyrimidinediyl, etc.; Z1 = CH2CONR4, etc.; R4 = H or alkyl; Z2 =
     (hetero)arylene; Z3 = (un)substituted alkylene, etc.], which regulate
     interaction of VCAM-1 and fibronectin with integrin α4β1, were
     prepared  Thus, (R)-2-MeC6H4NHCONHZCH2CONHZ2CH(NHSO2Me)CH2CO2H (Z =
     2-methoxy-1,4-phenylene, Z2 = 1,4-phenylene) was prepared in 9 steps from
     2-nitroanisole.  Data for biol. activity of I were given.
AN   1999:311177  CAPLUS
DN   130:352091
TI   Preparation of ureidophenylacetanilides and analogs as integrin-mediated
     cell adhesion inhibitors
IN   Astles, Peter Charles; Clark, David Edward; Collis, Alan John; Cox, Paul
     Joseph; Eastwood, Paul Joseph; Harris, Neil Victor; Lai, Justine Yeun
     Quai; Morley, Andrew David; Porter, Barry
PA   Rhone-Poulenc Rorer Limited, UK
SO   PCT Int. Appl., 125 pp.
     CODEN: PIXXD2
```

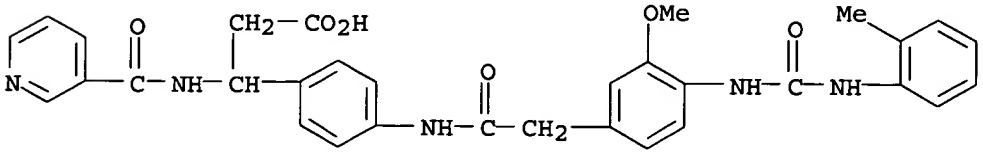
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9923063	A1	19990514	WO 1998-GB3294	19981102 <--
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2303848	AA	19990514	CA 1998-2303848	19981102 <--
	AU 9897550	A1	19990524	AU 1998-97550	19981102 <--
	AU 748041	B2	20020530		
	ZA 9810004	A	20000502	ZA 1998-10004	19981102
	EP 1027328	A1	20000816	EP 1998-951596	19981102
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO				
	BR 9813331	A	20000822	BR 1998-13331	19981102
	TR 200001179	T2	20001121	TR 2000-200001179	19981102
	JP 2001521921	T2	20011113	JP 2000-518939	19981102
	NZ 503407	A	20020828	NZ 1998-503407	19981102
	RU 2233269	C2	20040727	RU 2000-113850	19981102
	US 6479519	B1	20021112	US 2000-558812	20000426
	NO 2000002276	A	20000525	NO 2000-2276	20000428
PRAI	GB 1997-23072	A	19971031		
	US 1997-69695P	P	19971216		
	GB 1998-14276	A	19980701		
	US 1998-104287P	P	19981014		
	WO 1998-GB3294	W	19981102		

OS MARPAT 130:352091
IT **224634-60-0P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of ureidophenylacetanilides and analogs as integrin-mediated cell adhesion inhibitors)
RN 224634-60-0 CAPLUS
CN Benzenepropanoic acid, 4-[[[3-methoxy-4-[[[(2-methylphenyl)amino]carbonyl]amino]phenyl]acetyl]amino]-β-[(3-pyridinylcarbonyl)amino]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

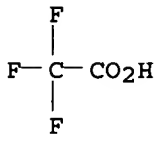
CM 1

CRN 224634-59-7
CMF C32 H31 N5 O6



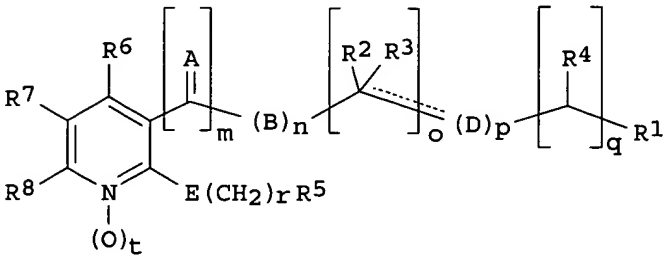
CM 2

CRN 76-05-1
CMF C2 H F3 O2



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
GI



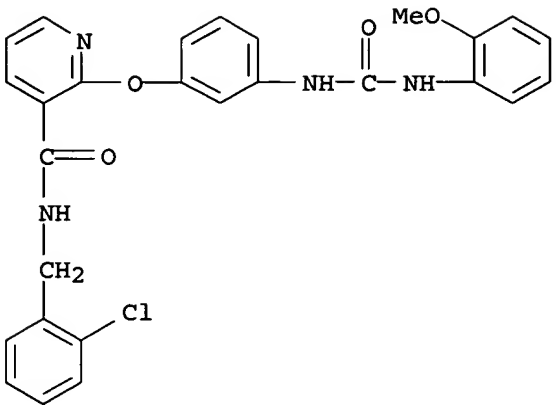
I

AB Title compds. [I; wherein m is 0 or 1; n is 0 or 1; o is 0-4; p is 0 or 1; q is 0 or 1; r is 0-4; t is 0 or 1; A is oxygen, NH, or sulfur; B is oxygen or NH; D is oxygen, NH, or alkylamino; E is CH2, O, NH, SO, SO2, S; R1 is H, alkyl, cycloalkyl, aryl, etc.; R2,R3 together with attached carbon form carbonyl group or cycloalkyl ring; R2, R3, R4 is independently H, OH, CN, CO2H, alkyl, etc.; R5 is cyclic, bicyclic, aryl; R6, R7 and R8 are each independently H, CN, COOH, NO2, OH, alkyl, etc.] and pharmaceutical composition are prepared for the treatment of respiratory, allergic, rheumatoid, body weight regulation, inflammatory and central nervous system disorders such as asthma, chronic obstructive pulmonary disease, adult respiratory diseases syndrome, shock, fibrosis, pulmonary hypersensitivity, allergic rhinitis, atopic dermatitis, psoriasis, weight control, rheumatoid arthritis, cachexia, Crohn's disease, ulcerative colitis, arthritic conditions and other inflammatory diseases, depression, multi-infarct dementia and AIDS.
AN 1998:682365 CAPLUS
DN 129:316147
TI Preparation of nicotinamides as PDE4 D isoenzymes inhibitors
IN Marfat, Anthony; Chambers, Robert James; Watson, John Wesley; Cheng, John Bin; Duplantier, Allen Jacob; Kleinman, Edward Fox
PA Pfizer Products Inc., USA
SO PCT Int. Appl., 200 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 3

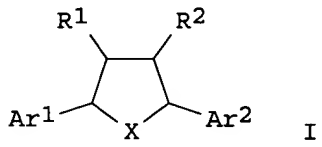
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 9845268	A1	19981015	WO 1998-IB315	19980310	<--
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG					
	CA 2285548	AA	19981015	CA 1998-2285548	19980310	<--
	AU 9862273	A1	19981030	AU 1998-62273	19980310	<--
	AU 738037	B2	20010906			
	EP 971894	A1	20000119	EP 1998-904343	19980310	
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO					
	TR 9902432	T2	20000121	TR 1999-9902432	19980310	
	JP 2000510481	T2	20000815	JP 1998-542528	19980310	
	BR 9810733	A	20000912	BR 1998-10733	19980310	
	TW 519539	B	20030201	TW 1998-87104586	19980326	
	ZA 9802853	A	19991004	ZA 1998-2853	19980403	<--
	HR 980181	B1	20030630	HR 1998-980181	19980403	
	US 6380218	B1	20020430	US 1999-308956	19990527	
	BG 64356	B1	20041130	BG 1999-103725	19990909	
	NO 9904791	A	19991201	NO 1999-4791	19991001	<--
	NO 314182	B1	20030210			
	MX 9909099	A	20000228	MX 1999-9099	19991004	
	US 2002111495	A1	20020815	US 2002-62811	20020131	
	JP 2004083583	A2	20040318	JP 2003-201291	20030724	
PRAI	US 1997-43403P	P	19970404			
	JP 1998-542528	A3	19980310			
	WO 1998-IB315	W	19980310			
	US 1998-105120P	P	19981021			
	US 2001-265240P	P	20010131			

OS MARPAT 129:316147
IT **214756-06-6P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of nicotinamides as PDE4 D isoenzymes inhibitors)
RN 214756-06-6 CAPLUS
CN 3-Pyridinecarboxamide, N-[(2-chlorophenyl)methyl]-2-[3-[[[(2-methoxyphenyl)amino]carbonyl]amino]phenoxy]- (9CI) (CA INDEX NAME)

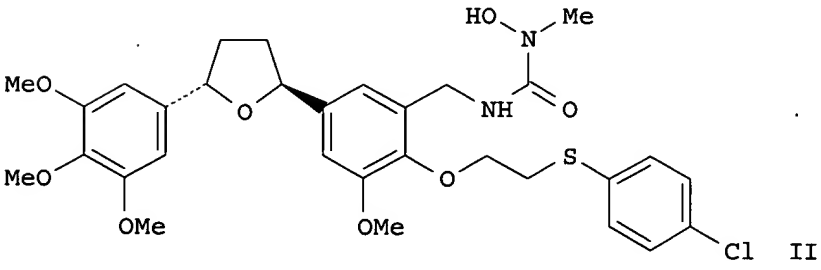


RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
GI



I



II

AB The title compds. [I; Ar1, Ar2 = substituted aryl, pyridyl; X = O, S, S(O), S(O)2, CR9NR10; R1, R2 = H, halo, lower alkyl, etc.; R9 = H, halo, lower alkyl, etc.; R10 = cyclic and acyclic alkyl, alkenyl, etc.] that reduce the chemotaxis and respiratory burst leading to the formation of damaging oxygen radicals of polymorphonuclear leukocytes during an inflammatory or immune response, were prepared The compds. I exhibit this biol. activity by acting as PAF receptor antagonists, by inhibiting the enzyme 5-lipoxygenase, or by exhibiting dual activity, i.e., by acting as both a PAF receptor antagonist and inhibitor of 5-lipoxygenase. Thus, 11-step synthesis of the title compound trans-II which showed IC50 of 7.60

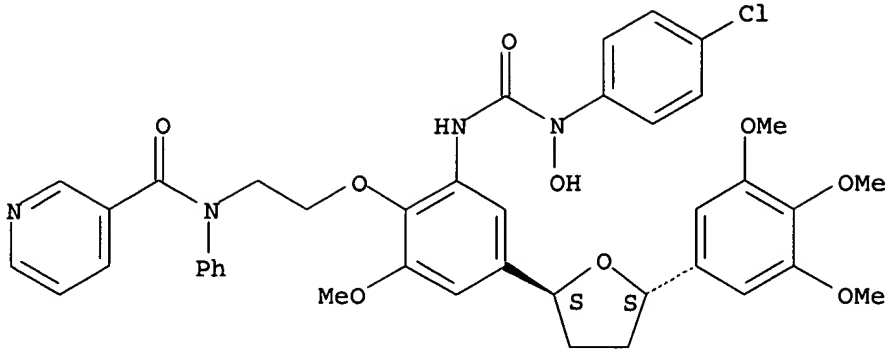
nM against PAF and of 22.2 nM against 5-LO, is described.

AN 1997:471325 CAPLUS
DN 127:161690
TI Preparation of 2,5-diaryltetrahydrofurans for the treatment of inflammatory and immune disorders
IN Cai, Xiong; Hussoin, Sajjat; Hwang, San-Bao; Killian, David; Shen, T. Y.
PA Cytomed, Inc., USA
SO U.S., 27 pp., Cont.-in-part of U.S. 5,434,151.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 5

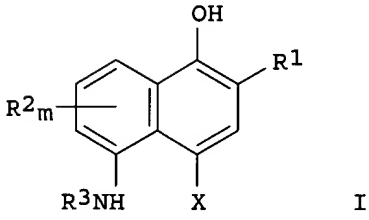
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	US 5648486	A	19970715	US 1993-62391	19930512	<--
	US 5358938	A	19941025	US 1992-912788	19920713	<--
	US 5434151	A	19950718	US 1992-933991	19920824	<--
	WO 9401430	A1	19940120	WO 1993-US6575	19930713	<--
	W: AU, CA, FI, HU, JP, KR					
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
	AU 9347722	A1	19940131	AU 1993-47722	19930713	<--
	AU 666578	B2	19960215			
	EP 650485	A1	19950503	EP 1993-918182	19930713	<--
	EP 650485	B1	20001011			
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE					
	HU 72601	A2	19960528	HU 1995-99	19930713	<--
	AT 196903	E	20001015	AT 1993-918182	19930713	
	ES 2152952	T3	20010216	ES 1993-918182	19930713	
	PT 650485	T	20010330	PT 1993-918182	19930713	
	US 5463083	A	19951031	US 1994-178222	19940106	<--
	US 5741809	A	19980421	US 1995-466332	19950606	<--
	US 6294574	B1	20010925	US 1995-469073	19950606	
	US 5856323	A	19990105	US 1995-481812	19950607	<--
	US 2002177723	A1	20021128	US 2000-547941	20000411	
	GR 3035063	T3	20010330	GR 2000-402751	20001213	
PRAI	US 1992-912788	A3	19920713			
	US 1992-933991	A2	19920824			
	US 1992-933911	A2	19920824			
	US 1993-62391	A	19930512			
	WO 1993-US6575	A	19930713			
	US 1994-178222	A3	19940106			
	US 1995-469073	A1	19950606			

OS MARPAT 127:161690
IT **193739-17-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2,5-diaryltetrahydrofurans for the treatment of inflammatory and immune disorders)
RN 193739-17-2 CAPLUS
CN 3-Pyridinecarboxamide, N-[2-[2-[[[(4-chlorophenyl)hydroxyamino]carbonyl]amino]-6-methoxy-4-[tetrahydro-5-(3,4,5-trimethoxyphenyl)-2-furanyl]phenoxy]ethyl]-N-phenyl-, trans- (9CI) (CA INDEX NAME)

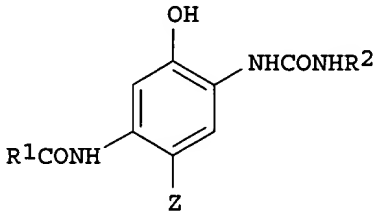
Relative stereochemistry.



L7 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
GI



I



II

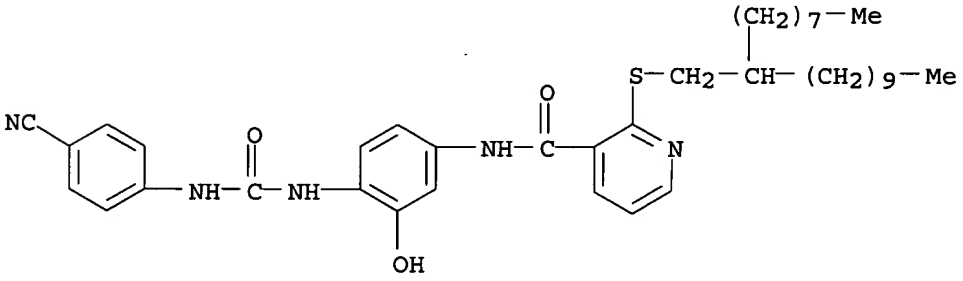
AB Claimed photog. material having ≥1 each of red-, blue- and green-sensitive Ag halide emulsion layers and a light-insensitive layer on a support is characterized by (1) that the cyan coupler-containing layer contains a 4-equivalent cyan coupler, (2) that ≥90% of the 4-equiv coupler is a 5-amidonaphthol coupler I (R1 = CONR4R5, SO2NR4R5, NHCOR4, NHCO2R6, NHSO2R6,etc.; R2, R3 = substituent; m = 0-3; X = H; R4, R5 = H, alkyl, aryl, heterocyclic ring; R6 = alkyl, aryl, heterocyclic ring; dimerization or polymerization is allowed through either of R1, R2 or R3) or a 2-ureidephenol II (R1 = alkyl, aryl, heterocyclic group; R2 = aryl; Z = H) and (3) that a water-insol. basic metal compound is incorporated in ≥1 of the component layers, and (4) that the ratios of the gradations of yellow, magenta and cyan dye images obtained by the processes (II) to the gradations of the 3 colors obtained by the process (I) lie between 0.8 and 1.2, where the condition for the process (I) is 3 min to 3 min 15 s at 37-39° 50-70 s at 43-45° with 35-40 mol/L developing agent. The material is suitably a camera film having a magnetic recording layer on the backside of the support. Also claimed is the image-forming method for the material which is identical to the rapid process mentioned above. Preferable basic metal compound is the Zn and other alkaline earth metal capable of releasing alkali in contact with a chelating agent. The material and process provides a system producing photog. images with substantially the same characteristics as those obtained by the standard process, in spite of rapid finishing. Thus, a multilayer color neg. film containing 2 cyan couplers (II; R1 =

1-(2,5-di-tert-phenoxy)pentyl; R2 = p-cyano-phenyl; Z = H) and II; R1 = 1-(2,5-di-tert-phenoxy)propyl; R2 = p-propylsulfo-phenyl; Z = H and ZnO had the mentioned advantages.

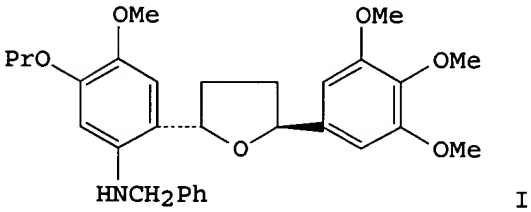
AN 1997:261782 CAPLUS
DN 126:244786
TI Silver halide color photographic material containing aminonaphthol or phenylureidephenol cyan coupler and the image-forming method
IN Nakagawa, Hajime; Tsukahara, Jiro
PA Fuji Photo Film Co Ltd, Japan
SO Jpn. Kokai Tokkyo Koho, 57 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 09026652	A2	19970128	JP 1995-197910	19950712 <--
PRAI JP 1995-197910		19950712		

IT **145977-56-6**
RL: DEV (Device component use); USES (Uses)
(cyan coupler; color photog. material containing aminonaphthol or phenylureidephenol and the image-forming method)
RN 145977-56-6 CAPLUS
CN 3-Pyridinecarboxamide, N-[4-[[[(4-cyanophenyl)amino]carbonyl]amino]-3-hydroxyphenyl]-2-[(2-octyldodecyl)thio]- (9CI) (CA INDEX NAME)



L7 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
GI



I

AB 2,5-Diaryltetrahydrofurans, 2,5-diaryltetrahydrothiophenes, 2,4-diaryltetrahyrofurans, 2,4-diaryltetrahydrothiophenes,

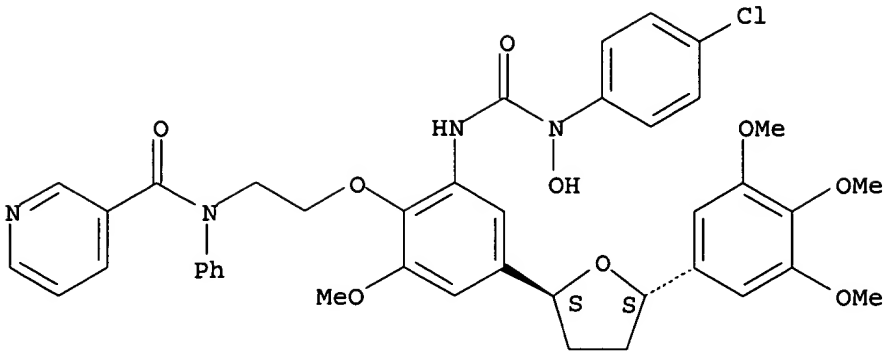
1,3-diarylcyclopentanes, 2,4-diarylpyrrolidines, and 2,5-diarylpyrrolidines are disclosed that reduce the chemotaxis and respiratory burst giving damaging O radicals of polymorphonuclear leukocytes during an inflammatory or immune response. The compds. exhibit this biol. activity by acting as PAF receptor antagonists, by inhibiting the enzyme 5-lipoxygenase, or by exhibiting dual activity, i.e., by acting as both a PAF receptor antagonist and inhibitor of 5-lipoxygenase. A method to treat disorders mediated by PAF or leukotrienes is also disclosed, that includes administering an effective amount of one or more of the above-identified compds. or a pharmaceutically acceptable salt there of, optionally in a pharmaceutically acceptable carrier. An example compound, trans-2-[3-methoxy-4-propoxy-5-(benzylamino)phenyl]-5-(3,4,5-trimethoxyphenyl)tetrahydrofuran (I) was prepared in several steps. Pharmacol. test data for I as well as some of the other title compds. as PAF receptor antagonists were reported.

AN 1994:270096 CAPLUS
DN 120:270096
TI 2,5-diaryltetrahydrothiophenes, -furans and analogs for the treatment of inflammatory and immune disorders
IN Cai, Xiong; Hwang, San Bao; Killian, David; Shen, T. Y.; Saijat, Hussoin
PA Cytomed, Inc., USA
SO PCT Int. Appl., 156 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 5

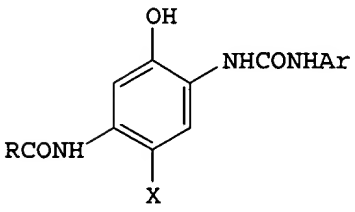
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 9401430	A1	19940120	WO 1993-US6575	19930713	<--
	W: AU, CA, FI, HU, JP, KR					
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
	US 5358938	A	19941025	US 1992-912788	19920713	<--
	US 5434151	A	19950718	US 1992-933991	19920824	<--
	US 5648486	A	19970715	US 1993-62391	19930512	<--
	AU 9347722	A1	19940131	AU 1993-47722	19930713	<--
	AU 666578	B2	19960215			
	EP 650485	A1	19950503	EP 1993-918182	19930713	<--
	EP 650485	B1	20001011			
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE					
	AT 196903	E	20001015	AT 1993-918182	19930713	
	GR 3035063	T3	20010330	GR 2000-402751	20001213	
PRAI	US 1992-912788	A	19920713			
	US 1992-933991	A	19920824			
	US 1993-62391	A	19930512			
	WO 1993-US6575	A	19930713			

OS MARPAT 120:270096
IT **193739-17-2**
RL: RCT (Reactant); RACT (Reactant or reagent)
(PAF antagonist)
RN 193739-17-2 CAPLUS
CN 3-Pyridinecarboxamide, N-[2-[2-[[[(4-chlorophenyl)hydroxyamino]carbonyl]amino]-6-methoxy-4-[tetrahydro-5-(3,4,5-trimethoxyphenyl)-2-furanyl]phenoxy]ethyl]-N-phenyl-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L7 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
GI

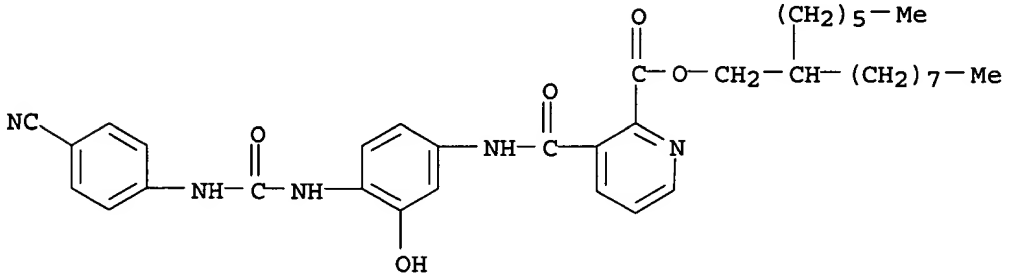


I

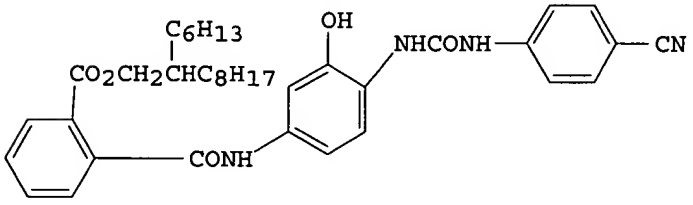
AB The title material contains a cyan coupler I (R = alkyl, alkenyl, aryl, heterocyclyl; X = H, group to be released upon coupling reaction with an oxidized aromatic primary amine color developing agent; Ar = aryl) and a hydrazine derivative R1R2NNR3R4 (R1 to R3 = aliphatic group, aryl, heterocyclyl;
R4 = H, aliphatic group, aryl, heterocyclyl; a proviso related to R1-R4 and further details on R1-R4 are given. The title material also contains a carbonate compound The title material shows good storage stability.
AN 1993:528316 CAPLUS
DN 119:128316
TI Silver halide color photographic material
IN Seto, Nobuo; Yoneyama, Hiroyuki; Morigaki, Masakazu; Sakai, Shuichi; Kobayashi, Hidetoshi; Yamazaki, Shigeru
PA Fuji Photo Film Co Ltd, Japan
SO Jpn. Kokai Tokkyo Koho, 101 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05061166	A2	19930312	JP 1992-29904	19920122 <--
	US 5300419	A	19940405	US 1992-888858	19920527 <--
PRAI	JP 1991-150897	A1	19910528		
	JP 1992-29904	A	19920122		

IT **149243-21-0**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)
RN 149243-21-0 CAPLUS
CN 2-Pyridinecarboxylic acid, 3-[[[4-[[[(4-cyanophenyl)amino]carbonyl]amino]-3-hydroxyphenyl]amino]carbonyl]-, 2-hexyldecyl ester (9CI) (CA INDEX NAME)



L7 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
GI

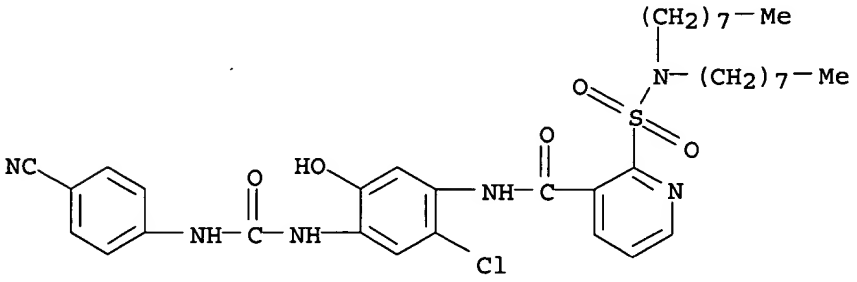


I

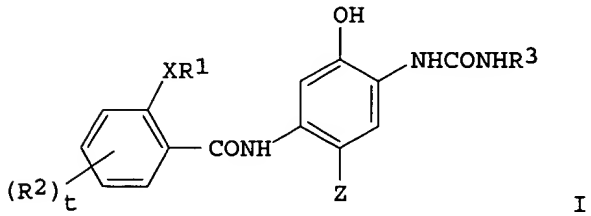
AB The title material contains a cyan dye-forming coupler. Compound I is an example of the said coupler. The title material also contains one or more compds. represented, e.g., by RLinkCO2Ar, RLinkCO2CR1:CR2R3, etc., where R is aliphatic group, aromatic moiety, heterocyclic ring; Link = single bond, O; AR = aromatic ring; R1-R3 = H, aliphatic group, aromatic moiety, etc. The title material does not show stains during storage.
AN 1993:222769 CAPLUS
DN 118:222769
TI Silver halide photographic material
IN Sakai, Shuichi; Yamazaki, Shigeru; Seto, Nobuo; Morigaki, Masakazu
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 110 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 04321041	A2	19921111	JP 1991-116893	19910420 <--
PRAI JP 1991-116893		19910420		

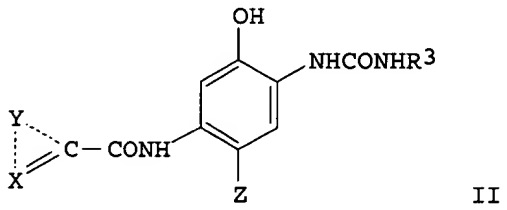
IT **146697-06-5**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)
RN 146697-06-5 CAPLUS
CN 3-Pyridinecarboxamide, N-[2-chloro-4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]-2-[(dioctylamino)sulfonyl]- (9CI) (CA INDEX NAME)



L7 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
GI



I



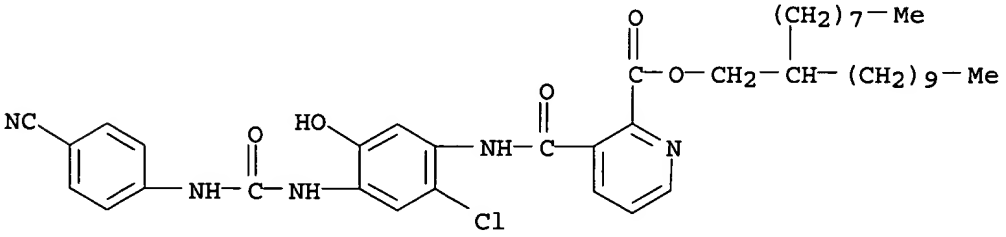
II

AB In the title material comprising a reflective support having thereon cyan coupler-containing silver halide emulsion layers, yellow coupler-containing silver halide emulsion layers, etc., the cyan coupler-containing silver halide layers contain one or more couplers represented by general structures I and II. For I, R1 = alkyl, alkenyl, alkynyl, etc.; X = a single bond, O, S, SO, etc.; R2 = a substituent on the benzene ring; t = 0 to 4. For II, X = C, N; Y = atoms which, together with C and X, form a 3- to 8-membered heterocyclic ring. For I and II, R3 = aryl; Z = H or a group to be released upon coupling reaction. The yellow coupler-containing silver halide emulsion layers in the title material contain an anilide coupler. The

title material gives stable images.
AN 1993:157721 CAPLUS
DN 118:157721
TI Silver halide color photographic material
IN Sakai, Shuichi
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 82 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04301839	A2	19921026	JP 1991-89089	19910329 <--
PRAI JP 1991-89089		19910329		

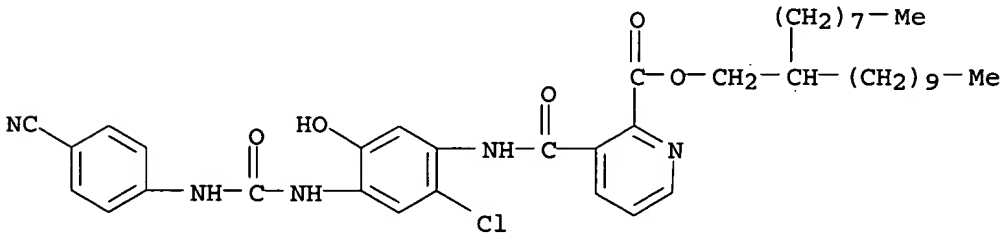
IT **145977-55-5**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)
RN 145977-55-5 CAPLUS
CN 2-Pyridinecarboxylic acid, 3-[[[2-chloro-4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]amino]carbonyl]-, 2-octyldodecyl ester (9CI) (CA INDEX NAME)



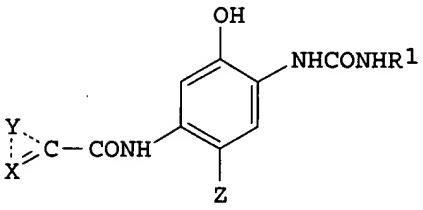
L7 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
GI For diagram(s), see printed CA Issue.
AB In the title material comprising a support having thereon a cyan coupler-containing silver halide emulsion layer, a magenta coupler-containing silver halide emulsion layer, and a yellow coupler-containing silver halide emulsion layer, the cyan coupler-containing emulsion layer contains an ureidophenol coupler. The yellow coupler-containing emulsion layer contains an acylacetamide coupler having an acyl group represented by I. For I, R1 = monovalent group; Q = nonmetallic atoms which, together with C, form a 3- to 5-membered hydrocarbon or heterocyclic ring. The title material shows high sensitivity.
AN 1993:157712 CAPLUS
DN 118:157712
TI Silver halide color photographic material
IN Yoshioka, Yasuhiro; Sakai, Shuichi
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 90 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI JP 04275547 A2 19921001 JP 1991-61039 19910304 <--
PRAI JP 1991-61039 19910304
IT **145977-55-5**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)
RN 145977-55-5 CAPLUS
CN 2-Pyridinecarboxylic acid, 3-[[[2-chloro-4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxyphenyl]amino]carbonyl]-, 2-octyldodecyl ester (9CI) (CA INDEX NAME)



L7 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
GI

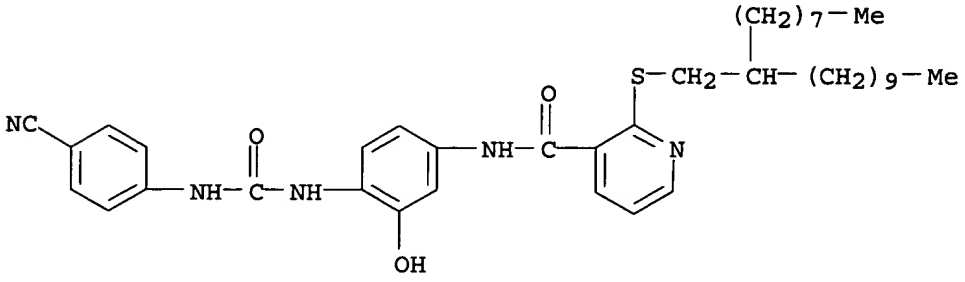


I

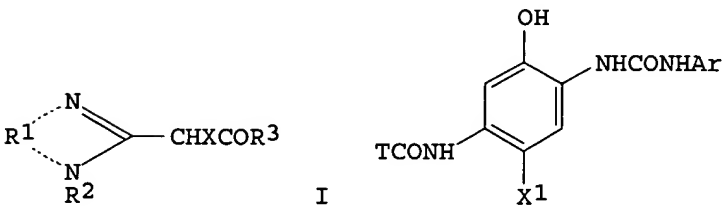
AB In the title material comprising a support having thereon one or more silver halide emulsion layers, at least one layer contains a cyan dye-forming coupler represented by general structure I. For I, Y = nonmetallic atoms for forming, together with C:X, 3- to 8-membered heterocyclic ring; X = C, N; R1 = aryl; Z = H, group to be released upon coupling. Couplers I are highly reactive.
AN 1993:90721 CAPLUS
DN 118:90721
TI Silver halide color photographic material
IN Sakai, Shuichi; Yamazaki, Shigeru; Sato, Kozo
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 34 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 04204728	A2	19920727	JP 1990-336810	19901130 <--
JP 2851161	B2	19990127		
PRAI JP 1990-336810		19901130		

IT **145977-56-6**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)
RN 145977-56-6 CAPLUS
CN 3-Pyridinecarboxamide, N-[4-[[[(4-cyanophenyl)amino]carbonyl]amino]-3-hydroxyphenyl]-2-[(2-octyldodecyl)thio]- (9CI) (CA INDEX NAME)



L7 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
GI



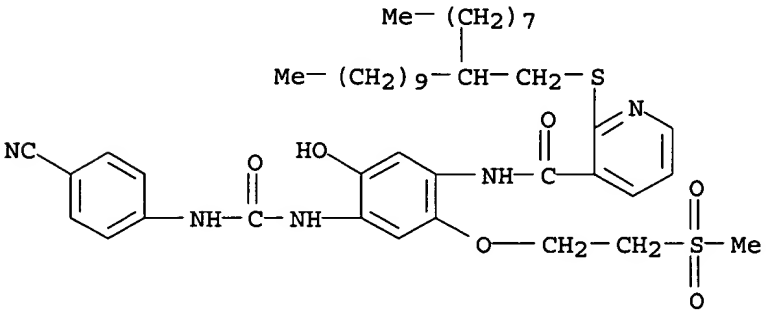
I II

AB The title material which comprises a support having thereon one or more photosensitive Ag halide emulsion layers contains a coupler represented by I (R1 = nonmetallic atoms which, together with N:CNR2, form a 5-membered unsatd. heterocyclic ring; R2 = H, alkyl, alkenyl, etc.; R3 = alkyl, alkenyl, alkynyl, etc.; X = a group to be released at the time of reaction with an oxidized aromatic primary amine developing agent) and a coupler represented by II (T = an aliphatic group, an aromatic group, heterocyclyl; Ar = an aromatic group; X1 = H, a group to be released upon coupling reaction with an oxidized aromatic primary amine developing agent). The title material also contains a mercaptoheterocyclic compound, a benzimidazole derivative, and a phenolic compound The title material gives high-quality images.
AN 1993:90695 CAPLUS
DN 118:90695
TI Silver halide color photographic material
IN Obayashi, Keiji
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 81 pp.
CODEN: JKXXAF
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04156540	A2	19920529	JP 1990-282512	19901019 <--
PRAI	JP 1990-282512		19901019		

IT **144761-85-3**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. material containing)
RN 144761-85-3 CAPLUS
CN 3-Pyridinecarboxamide, N-[4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxy-2-[2-(methylsulfonyl)ethoxy]phenyl]-2-[(2-octyldodecyl)thio]-(9CI) (CA INDEX NAME)



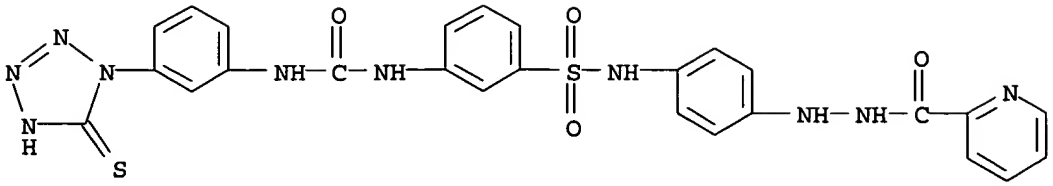
L7 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
AB In the title material having at least 1 Ag halide emulsion layer, the emulsion layers or other hydrophilic colloidal layers contain R1N(A1)N(A2)G1X1 (A1, A2 = H or one is H and the other is sulfonyl or acyl; R1 = an aliphatic or aromatic group; G1 = carbonyl, sulfonyl, sulfoxy, or R2P:O; R2 = alkoxy or aryloxy; X1 = N-containing heterocyclyl; at least 1 of R1 and X1 has a Ag halide-absorbing-promoting group).
AN 1991:153870 CAPLUS
DN 114:153870
TI Silver halide photographic photosensitive material containing nucleating agent
IN Okamura, Hisashi; Kato, Kazunobu
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 20 pp.
CODEN: JKXXAF
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02198441	A2	19900806	JP 1989-18378	19890127 <--
	JP 2553927	B2	19961113		
	US 5061594	A	19911029	US 1990-470496	19900126 <--
PRAI	JP 1989-18378	A	19890127		

IT **132798-06-2**
RL: USES (Uses)
(nucleating agent, for silver halide photog. materials)
RN 132798-06-2 CAPLUS
CN 2-Pyridinecarboxylic acid, 2-[4-[[[3-[[[[3-(2,5-dihydro-5-thioxo-1H-tetrazol-1-yl)phenyl]amino]carbonyl]amino]phenyl]sulfonyl]amino]phenyl]hyd

razide (9CI) (CA INDEX NAME)

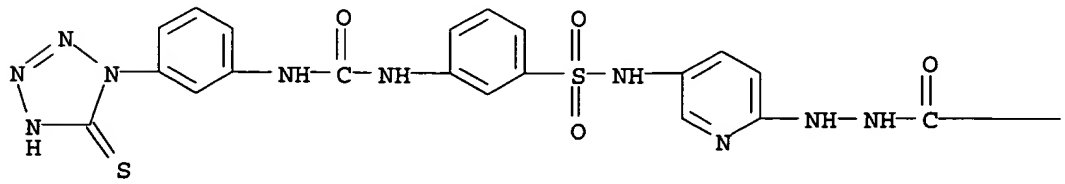


L7 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
AB The title material has ≥1 Ag halide emulsion layers and YNA1NA2COX [I, ≥1 A1-2 = H; other A1-2 = sulfonyl, (CO)nR; R = alkyl, alkenyl, aryl, alkoxy, aryloxy; X, Y = N-containing heterocycle residue; n = 1, 2] in the emulsion layers or in ≥1 other hydrophilic colloid layers. Thus, an inner latent image-type AgBr emulsion containing I (X, Y = 2-pyridyl, A1-2 = H) was applied onto a PET support to give a direct pos. photog. film, which was sensitive to red light.
AN 1991:133022 CAPLUS
DN 114:133022
TI Silver halide photographic material having carboxylic acid hydrazide as nucleating agent
IN Okada, Hisashi; Yagihara, Morio
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 30 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

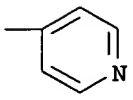
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 02221954	A2	19900904	JP 1989-42616	19890222 <--
PRAI JP 1989-42616		19890222		

OS MARPAT 114:133022
IT **132712-42-6**
RL: USES (Uses)
(nucleating agent, for silver halide photog. emulsion)
RN 132712-42-6 CAPLUS
CN 4-Pyridinecarboxylic acid, 2-[5-[[[3-[[[[3-(2,5-dihydro-5-thioxo-1H-tetrazol-1-yl)phenyl]amino]carbonyl]amino]phenyl]sulfonyl]amino]-2-pyridinyl]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



L7 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
GI

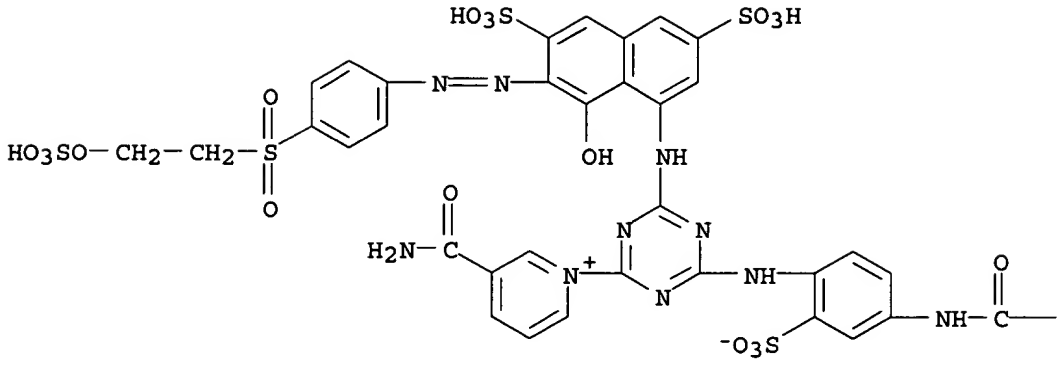
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. I [A = (un)substituted phenylene, R1C6H3GC6H3R2; G = direct bond, CH:CH, NHCONH; R1, R2 = H, SO3H, Me, Et, MeO, EtO; D = (un)substituted phenylene, (un)substituted naphthylene, C6H4NHCOC6H4; K = (un)substituted aminohydroxysulfonaphthalene residue, aniline residue (from coupling component); R = CO2H, CONH2; X = CH:CH2, β-sulfatoethyl, β-chloroethyl], useful for dyeing carbonamide and/or hydroxyl group-containing materials, are prepared II (R3 = Cl) was dissolved in H2O, and condensed with nicotinic acid amide in the presence of NaOAc, forming II (R3 = Q), which was isolated as the K salt, λmax 510 nm, which dyed cotton in a fast blue-red shade.
AN 1988:530801 CAPLUS
DN 109:130801
TI Reactive disazo dyes
IN Schlaefer, Ludwig; Springer, Hartmut; Haehnle, Reinhard
PA Hoechst A.-G., Fed. Rep. Ger.
SO Ger. Offen., 20 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

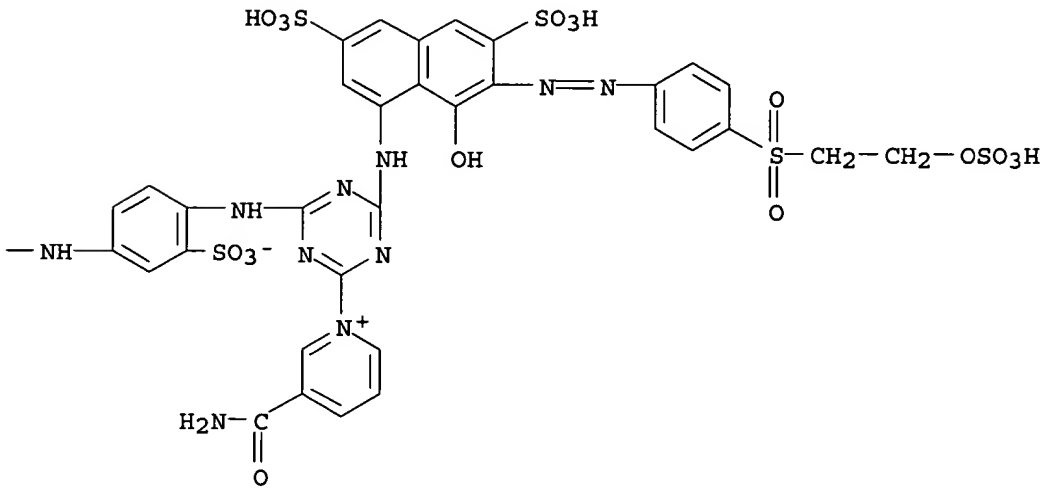
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3636398	A1	19880505	DE 1986-3636398	19861025 <--
	EP 265828	A1	19880504	EP 1987-115414	19871021 <--
	EP 265828	B1	19900808		
	R: BE, CH, DE, ES, FR, GB, IT, LI				
	JP 63112661	A2	19880517	JP 1987-266683	19871023 <--
	JP 07098910	B4	19951025		
PRAI	DE 1986-3636398	A	19861025		

OS MARPAT 109:130801
IT **116413-90-2P**
RL: PREP (Preparation)
(manufacture of, as red reactive dye)
RN 116413-90-2 CAPLUS
CN Pyridinium, 1,1'-[carbonylbis[imino(2-sulfo-4,1-phenylene)imino[6-[[8-hydroxy-3,6-disulfo-7-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-1-naphthalenyl]amino]-1,3,5-triazine-4,2-diyl]]]bis[3-(aminocarbonyl)-, bis(inner salt) (9CI) (CA INDEX NAME)

PAGE 1-A

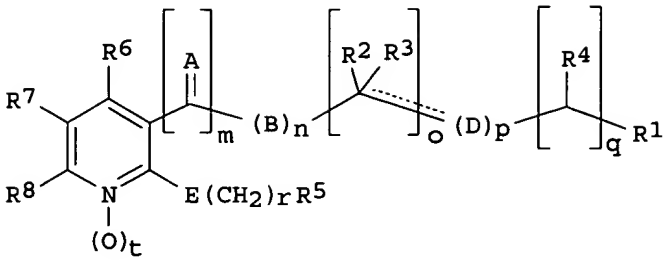


PAGE 1-B



=> d abs fbib hitstr 2

L7 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
GI



I

AB Title compds. [I; wherein m is 0 or 1; n is 0 or 1; o is 0-4; p is 0 or 1; q is 0 or 1; r is 0-4; t is 0 or 1; A is oxygen, NH, or sulfur; B is oxygen or NH; D is oxygen, NH, or alkylamino; E is CH2, O, NH, SO, SO2, S; R1 is H, alkyl, cycloalkyl, aryl, etc.; R2,R3 together with attached carbon form carbonyl group or cycloalkyl ring; R2, R3, R4 is independently H, OH, CN, CO2H, alkyl, etc.; R5 is cyclic, bicyclic, aryl; R6, R7 and R8 are each independently H, CN, COOH, NO2, OH, alkyl, etc.] and pharmaceutical composition are prepared for the treatment of respiratory, allergic, rheumatoid, body weight regulation, inflammatory and central nervous system disorders such as asthma, chronic obstructive pulmonary disease, adult respiratory diseases syndrome, shock, fibrosis, pulmonary hypersensitivity, allergic rhinitis, atopic dermatitis, psoriasis, weight control, rheumatoid arthritis, cachexia, Crohn's disease, ulcerative colitis, arthritic conditions and other inflammatory diseases, depression, multi-infarct dementia and AIDS.

AN 1998:682365 CAPLUS

DN 129:316147

TI Preparation of nicotinamides as PDE4 D isoenzymes inhibitors

IN Marfat, Anthony; Chambers, Robert James; Watson, John Wesley; Cheng, John Bin; Duplantier, Allen Jacob; Kleinman, Edward Fox

PA Pfizer Products Inc., USA

SO PCT Int. Appl., 200 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9845268	A1	19981015	WO 1998-IB315	19980310 <--
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
				US 1997-43403P P	19970404
	CA 2285548	AA	19981015	CA 1998-2285548	19980310 <--
				US 1997-43403P P	19970404
				WO 1998-IB315 W	19980310
	AU 9862273	A1	19981030	AU 1998-62273	19980310 <--
	AU 738037	B2	20010906		
				US 1997-43403P P	19970404
				WO 1998-IB315 W	19980310
	EP 971894	A1	20000119	EP 1998-904343	19980310

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO

				US 1997-43403P	P	19970404	
				WO 1998-IB315	W	19980310	
TR	9902432	T2	20000121	TR 1999-9902432		19980310	
				US 1997-43403P	P	19970404	
JP	2000510481	T2	20000815	JP 1998-542528		19980310	
				US 1997-43403P	P	19970404	
				WO 1998-IB315	W	19980310	
BR	9810733	A	20000912	BR 1998-10733		19980310	
				US 1997-43403P	P	19970404	
				WO 1998-IB315	W	19980310	
TW	519539	B	20030201	TW 1998-87104586		19980326	
				US 1997-43403P	P	19970404	
ZA	9802853	A	19991004	ZA 1998-2853		19980403	<--
				US 1997-43403P	P	19970404	
HR	980181	B1	20030630	HR 1998-980181		19980403	
				US 1997-43403P	P	19970404	
US	6380218	B1	20020430	US 1999-308956		19990527	
				US 1997-43403P	P	19970404	
				WO 1998-IB315	W	19980310	
BG	64356	B1	20041130	BG 1999-103725		19990909	
				US 1997-43403P	P	19970404	
NO	9904791	A	19991201	NO 1999-4791		19991001	<--
NO	314182	B1	20030210				
				US 1997-43403P	P	19970404	
				WO 1998-IB315	W	19980310	
MX	9909099	A	20000228	MX 1999-9099		19991004	
				US 1997-43403P	P	19970404	
				WO 1998-IB315	W	19980310	
US	2002111495	A1	20020815	US 2002-62811		20020131	
				US 1997-43403P	P	19970404	
				US 1998-105120P	P	19981021	
				US 2001-265240P	P	20010131	
JP	2004083583	A2	20040318	JP 2003-201291		20030724	
				US 1997-43403P	P	19970404	
				JP 1998-542528	A3	19980310	

PATENT FAMILY INFORMATION:

FAN 2000:302132

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
PI	JP 2000128835	A2	20000509	JP 1999-298121		19991020
				US 1998-105120P	P	19981021
	CA 2286646	AA	20000421	CA 1999-2286646		19991019
				US 1998-105120P	P	19981021
	AU 9955953	A1	20000504	AU 1999-55953		19991019
				US 1998-105120P	P	19981021
	KR 2000029190	A	20000525	KR 1999-45464		19991020
				US 1998-105120P	P	19981021
	MX 9909651	A	20000531	MX 1999-9651		19991020
				US 1998-105120P	P	19981021
	BR 9904696	A	20000808	BR 1999-4696		19991020
				US 1998-105120P	P	19981021
	ZA 9906624	A	20010420	ZA 1999-6624		19991020
				US 1998-105120P	P	19981021
	US 2002111495	A1	20020815	US 2002-62811		20020131
				US 1997-43403P	P	19970404
				US 1998-105120P	P	19981021
				US 2001-265240P	P	20010131

FAN 2002:591707

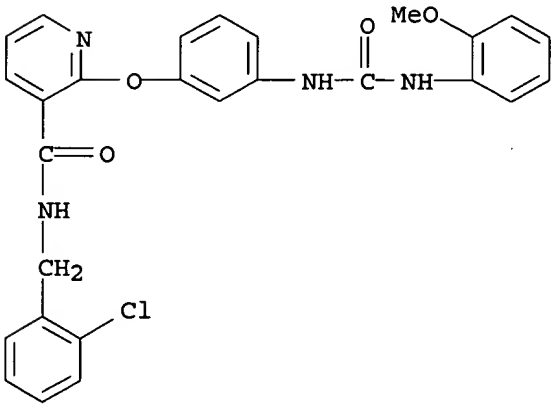
PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
PI EP 1229034	A1	20020807	EP 2002-250202		20020111
EP 1229034	B1	20050413			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR					
			US 2001-265240P	P	20010131
AT 293109	E	20050415	AT 2002-250202		20020111
			US 2001-265240P	P	20010131
ES 2239203	T3	20050916	ES 2002-2250202		20020111
			US 2001-265240P	P	20010131
CA 2369462	AA	20020731	CA 2002-2369462		20020129
			US 2001-265240P	P	20010131
US 2002111495	A1	20020815	US 2002-62811		20020131
			US 1997-43403P	P	19970404
			US 1998-105120P	P	19981021
			US 2001-265240P	P	20010131
BR 2002000250	A	20021008	BR 2002-250		20020131
			US 2001-265240P	P	20010131
US 2004171798	A1	20040902	US 2004-781062		20040217
			US 2001-265240P	P	20010131
			US 2002-62811	B1	20020131

OS MARPAT 129:316147

IT **214756-06-6P 214756-07-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of nicotinamides as PDE4 D isoenzymes inhibitors)

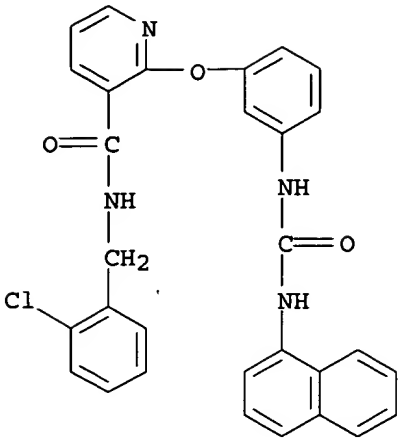
RN 214756-06-6 CAPLUS

CN 3-Pyridinecarboxamide, N-[(2-chlorophenyl)methyl]-2-[3-[[[(2-methoxyphenyl)amino]carbonyl]amino]phenoxy]- (9CI) (CA INDEX NAME)



RN 214756-07-7 CAPLUS

CN 3-Pyridinecarboxamide, N-[(2-chlorophenyl)methyl]-2-[3-[[(1-naphthalenylamino)carbonyl]amino]phenoxy]- (9CI) (CA INDEX NAME)



RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff y
COST IN U.S. DOLLARS SINCE FILE TOTAL